



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

FEB 15 2000

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Advanced Reproductive Technologies, Inc.  
c/o Mr. Greg Holland  
Holland & Associates  
3722 Avenue Sausalito  
Irvine, CA 92606

Re: K991395  
Media for Embryo Preparation  
Dated: November 30, 1999  
Received: December 1, 1999  
Regulatory Class: II  
21 CFR §884.6180/Procode: 85 MQL

Dear Mr. Holland:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4613. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597, or at its internet address "<http://www.fda.gov/cdrh/dsma/dsmamain.html>".

Sincerely yours,

CAPT Daniel G. Schultz, M.D.  
Acting Director, Division of Reproductive,  
Abdominal, Ear, Nose and Throat,  
and Radiological Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

Page 1 of 1

510(k) Number (if known): K991395

Device Name: Media for Embryo Preparation

Indications For Use:

Media for Embryo Preparation products that are used for assisted reproduction procedures. These media come in direct physical contact with human gametes or embryos for the purposes of preparation, maintenance, transfer or storage.

Quinn's® HTF Medium was developed for *in vitro* fertilization and procedures involving the culture of early cleavage stage mammalian embryos.

Quinn's® HTF Medium with HEPES was developed for *in vitro* procedures involving manipulations of gametes and embryos not requiring the use of a CO<sub>2</sub> incubator. Such procedures include oocyte recovery, gamete washing, micromanipulation, embryo transfer and cryopreservation.

Quinn's® Basal XI HTF Medium was developed for *in vitro* procedures involving the culture of early cleavage stage mammalian embryos. This is the medium for culture of embryos from Day 1 through to Day 3.

Quinn's® D3+ Medium was developed for *in vitro* procedures involving the culture of early cleavage stage mammalian embryos. This is the medium for culture of embryos after Day 3 of development.


(PLEASE DO NOT WRITE BELOW THIS LINE—CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use ✓  
(Per 21 CFR 801.109)

OR

Over-The-Counter Use \_\_\_\_\_  
(Optional Format 1-2-96)

  
(Division Sign-Off)  
Division of Reproductive, Abdominal, ENT,  
and Radiological Devices

510(k) Number K991395